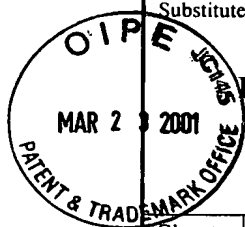


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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known				
				Application Number		To Be Assigned		
				Filing Date		To Be Assigned		
				First Inventor		Hiroaki KUBO		
				Group Art Unit		To Be Assigned		
				Examiner Name		To Be Assigned		
Sheet	1	of	1	Attorney Docket No.		15162/02970		
U.S. PATENT DOCUMENTS								
Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate
SMH	(1)	5,933,847		Ogawa	08/03/99	711	103	
FOREIGN PATENT DOCUMENTS								
Examiner Initials		O F F I C E	NUMBER	C O D E	PUBLICATION DATE (mm/dd/yy)	TRANSLATION Yes No		
SMH	(2)	JP	04-078280	A	03/12/92	ABSTRACT ONLY		
SMH	(3)	JP	09-027940	A	01/28/97	ABSTRACT ONLY		
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS								
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published						
Examiner Signature					Date Considered	6-9-04		

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Complete if Known

Application Number	09/739,141
Filing Date	December 18, 2000
First Inventor	Hiroaki KUBO
Group Art Unit	2612
Examiner Name	To Be Assigned
Attorney Docket No.	15162/02970

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate

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FOREIGN PATENT DOCUMENTS

Examiner Initials	OFF F I C E	NUMBER	C O D E	PUBLICATION DATE (mm/dd/yy)	TRANSLATION Yes No
SMH	JP	04-078280 ✓	A	03/12/1992	YES

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published

Examiner
SignatureDate
Considered

6-9-04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.



<div>Substitute for form 1449A/PT</div> <div><u>SUPPLEMENTAL</u> INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div>				Complete if Known				
				Application Number		09/739,141		
				Confirmation No.		4838		
				Filing Date		December 18, 2000		
				First Inventor		Hiroaki KUBO		
				Group Art Unit		2612		
Examiner Name				To Be Assigned				
Sheet		1	of	1	Attorney Docket No.		15162/02970	
U.S. PATENT DOCUMENTS								
Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate
RECEIVED								
APR 22 2003								
FOREIGN PATENT DOCUMENTS								Technology Center 2600
Examiner Initials		O F F I C E	NUMBER	C O D E	PUBLICATION DATE (mm/dd/yy)	TRANSLATION Yes No		
JMH	(1)	JP	05-103291 ✓	(A)	04/23/1993	ABSTRACT ONLY		
JMH	(2)	JP	05-276472 ✓	(A)	10/22/1993	ABSTRACT ONLY		
JMH	(3)	JP	09-130731 ✓	(A)	05/16/1997	ABSTRACT ONLY		
JMH	(4)	JP	10-341400 ✓	(A)	12/22/1998	ABSTRACT ONLY		
JMH	(5)	JP	2001-8147 ✓	(A)	01/12/2001	ABSTRACT ONLY		
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published							
Examiner Signature					Date Considered	6-9-04		

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